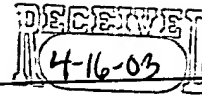


Serial No. 09/611,633  
Page 2



Official

16 (Amended) A wireless processing device in a wireless communication system for decoding a plurality of canned messages, the wireless processing device comprising:

a transceiver for receiving the plurality of canned messages; and

a processor coupled to the transceiver for processing the plurality of canned messages, wherein the plurality of canned messages are represented by a corresponding plurality of orthogonal codes chosen such that when a group of different canned messages are received simultaneously by the wireless processing device, thereby producing an interference symbol pattern, the interference symbol pattern provides a non-zero probability of correctly decoding at least some of said group, and a substantially zero probability of erroneously decoding a canned message not in said group, and

wherein the processor is programmed to:

cooperate with the transceiver to receive at least two different canned messages sent during a single time slot, the at least two different canned messages selected in response to a triggering event, thereby producing the interference symbol pattern; and

decode at least some of the at least two different canned messages from the interference symbol pattern.